

Converting Colors

XYZ(8.5752, 10.7979, 14.9230)

Have a look what the booklet for
XYZ(8.5752, 10.7979, 14.9230)
contains.

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Color

**XYZ(8.5330, 10.7279,
14.9856)**

Conversions

Conversions Part 1

Format	Color
Hex	366369
RGB	54, 99, 105
RGB Percent	21%, 39%, 41%
CMY	0.7882, 0.6118, 0.5882
CMYK	0.49, 0.06, 0.00, 0.59
HSL	187°, 32%, 31%
HSV	187°, 49%, 41%
XYZ	8.5330, 10.7279, 14.9856
YIQ	86.2290, -28.7460, -7.6740

Conversions

Conversions Part 2

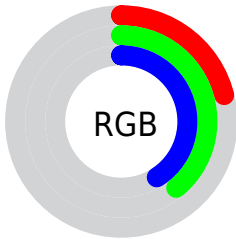
Format	Color
RYB	54, 78, 105
Decimal	3564393
CIELab	39.12, -13.69, -8.23
CIELCh	39, 15.977, 211.002
Yxy	10.7279, 0.2492, 0.3133
Android (android.graphics.Color)	4281754473 (0xFF366369)
YUV	86.2290, 9.2541, -28.2648
Hunter-Lab	32.7535, -10.8154, -4.1993

Details

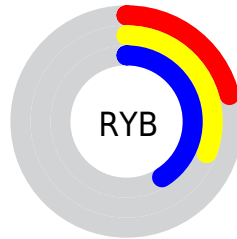
The XYZ color **8.5330, 10.7279, 14.9856** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.1077, 6.5016, 4.3180**, and the grayscale version is **8.8797, 9.3421, 10.1736**.

A 20% lighter version of the original color is **22.7328, 27.2163, 35.5076**, and **1.9917, 2.7615, 4.4310** is the 20% darker color. If you saturate the color by 10%, you get **7.9132, 10.2362, 14.9236**, and if you desaturate by 10%, it is **9.2770, 11.2867, 15.0544**.

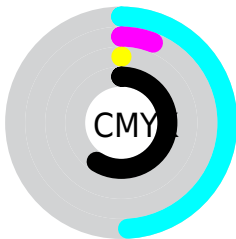
Distribution



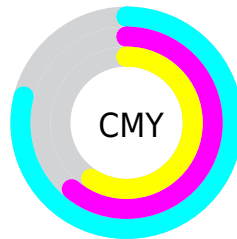
- Red (21%)
- Green (39%)
- Blue (41%)



- Red (21%)
- Yellow (31%)
- Blue (41%)



- Cyan (49%)
- Magenta (6%)
- Yellow (0%)
- Black (59%)



- Cyan (79%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.5330, 10.7279, 14.9856 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 8.5330, 10.7279, 14.9856 by changing the saturation by 10% instead.

8.5330, 10.7279,
14.9856

8.5330, 10.7279,
14.9856

174.1367,
195.7911, 234.9168

4.4925, 5.8842,
8.6628

22.6725, 27.1559,
35.5699

1.9844, 2.7748,
4.4281

33.5021, 39.5090,
50.6684

0.6252, 1.0153,
1.8630

47.3256, 55.1339,
69.5292

0.0000, 0.0000,
0.4690

64.5081, 74.4152,
92.5709

0.0000, 0.0000,
0.0000

85.4152, 97.7372,
120.2119

110.4120,

125.4842, 152.8709

139.8641,
158.0407, 190.9664

■ 8.5330, 10.7279,
14.9856

■ 8.5330, 10.7279,
14.9856

■ 7.9132, 10.2362,
14.9236

■ 9.2770, 11.2867,
15.0544

■ 7.4087, 9.8064,
14.8672

■ 10.1514, 11.9152,
15.1297

■ 7.0109, 9.4342,
14.8163

■ 11.1632, 12.6172,
15.2118

■ 6.7097, 9.1144,
14.7705

■ 12.3186, 13.3959,
15.3013

■ 6.4678, 8.8278,
14.7279

■ 13.6234, 14.2544,
15.3982

■ 6.4335, 8.7872,
14.7219

■ 15.0831, 15.1954,
15.5029

■ 16.7029, 16.2217,
15.6156

■ 18.4878, 17.3358,
15.7366

■ 20.4425, 18.5403,
15.8660

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8.2750, 10.7279, 11.7842



8.5330, 10.7279, 14.9856



9.2315, 10.7279, 17.6284

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8.5330, 10.7279, 14.9856



12.1036, 10.7279, 14.7760



10.1606, 10.7279, 6.7251

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8.5330, 10.7279, 14.9856



8.1077, 6.5016, 4.3180

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.2266, 10.7279, 7.2486



8.5330, 10.7279, 14.9856



12.3947, 10.7279, 11.5782

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8.5330, 10.7279, 14.9856



11.2932, 10.7279, 17.4933



12.0634, 10.7279, 8.9016



9.1733, 10.7279, 7.3238

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8.5330, 10.7279, 14.9856



9.8782, 10.7279, 18.5194



12.0634, 10.7279, 8.9016



10.5217, 10.7279, 6.7748

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8.5333, 10.7283, 14.9859



20.6097, 23.0148, 27.2871



7.3875, 11.2134, 6.0434



4.7566, 5.3429, 6.3864



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8.5333, 10.7283, 14.9859



14.0601, 18.2390, 26.7105



6.4903, 6.6422, 14.3048



3.1529, 3.4342, 3.9316



8.1289, 11.0920, 18.6348



41.0077, 55.6940, 94.8149

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9.3973, 6.5428, 12.5724



15.8528, 9.9537, 21.6133



9.7759, 9.8380, 4.8740



3.2030, 3.1581, 3.7993



9.8499, 4.7921, 13.3702



49.9816, 24.3346, 67.0310

Previews

White Background



This preview shows how the XYZ color 8.5330, 10.7279, 14.9856 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 8.5330, 10.7279, 14.9856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 8.5330, 10.7279, 14.9856

Background



This preview shows how black text looks on a background with the XYZ color 8.5330, 10.7279, 14.9856.



This preview shows how white text looks on a background with the XYZ color 8.5330, 10.7279,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

8.5330, 10.7279, 14.9856

Protanopia

10.3557, 10.6264, 13.5619

Deuteranopia

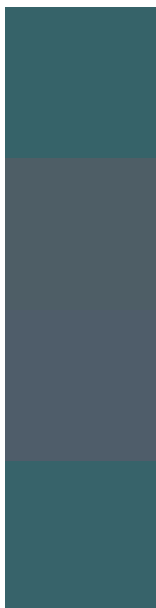
10.8242, 10.7010, 15.4049



Tritanopia

8.6912, 10.7974, 15.5360

Trichromacy



Original Color

8.5330, 10.7279, 14.9856

Protanomaly

9.5429, 10.5844, 14.1104

Deuteranomaly

9.7403, 10.5316, 15.1551

Tritanomaly

8.6389, 10.7765, 15.2604

Monochromacy



Original Color

8.5330, 10.7279, 14.9856

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

8.5409, 9.7283, 11.7835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.5330, 10.7279, 14.9856 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(54, 99, 105)` looks like.

```
.text, #text, p{  
    color:rgb(54, 99, 105)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(54, 99, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 99, 105) }
```

Border

The CSS property to change the border of an element to XYZ 8.5330, 10.7279, 14.9856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(54, 99, 105) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(54, 99, 105) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(54, 99, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 99, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 99, 105);  
box-shadow:4px 4px 4px 4px rgb(54, 99,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 8.5330, 10.7279, 14.9856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 99, 105) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(54, 99,  
105) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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